



## Complete Summary

### TITLE

Venous thromboembolism prophylaxis: percentage of adult hospitalized patients who are assessed for venous thromboembolism risk within 24 hours of admission.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Venous thromboembolism prophylaxis. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2008 Oct. 37 p. [35 references]

## Measure Domain

### PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### SECONDARY MEASURE DOMAIN

Does not apply to this measure

## Brief Abstract

### DESCRIPTION

This measure is used to assess the percentage of adult hospitalized patients who are assessed for venous thromboembolism risk within 24 hours of admission.

### RATIONALE

The priority aim addressed by this measure is to increase the percentage of hospitalized adult patients (18 years and older) who are assessed for venous thromboembolism risk within 24 hours of admission.

### PRIMARY CLINICAL COMPONENT

Venous thromboembolism; risk assessment

### DENOMINATOR DESCRIPTION

Total number of adult hospitalized patients

#### **NUMERATOR DESCRIPTION**

Total number of adult hospitalized patients with a completed venous thromboembolism risk assessment within 24 hours of admission documented in the medical record

#### **Evidence Supporting the Measure**

#### **EVIDENCE SUPPORTING THE CRITERION OF QUALITY**

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

#### **Evidence Supporting Need for the Measure**

#### **NEED FOR THE MEASURE**

Unspecified

#### **State of Use of the Measure**

#### **STATE OF USE**

Current routine use

#### **CURRENT USE**

Internal quality improvement

#### **Application of Measure in its Current Use**

#### **CARE SETTING**

Hospitals

#### **PROFESSIONALS RESPONSIBLE FOR HEALTH CARE**

Physicians

#### **LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED**

Group Clinical Practices

#### **TARGET POPULATION AGE**

Age greater than or equal to 18 years

**TARGET POPULATION GENDER**

Either male or female

**STRATIFICATION BY VULNERABLE POPULATIONS**

Unspecified

**Characteristics of the Primary Clinical Component****INCIDENCE/PREVALENCE**

Unspecified

**ASSOCIATION WITH VULNERABLE POPULATIONS**

Unspecified

**BURDEN OF ILLNESS**

Unspecified

**UTILIZATION**

Unspecified

**COSTS**

Unspecified

**Institute of Medicine National Healthcare Quality Report Categories****IOM CARE NEED**

Staying Healthy

**IOM DOMAIN**

Effectiveness  
Timeliness

**Data Collection for the Measure****CASE FINDING**

Users of care only

**DESCRIPTION OF CASE FINDING**

Adult patients (18 years and older) admitted to the hospital for a medical condition or surgery

From discharge records, a list of all adult patients hospitalized during the target period. The medical records can be reviewed to determine the documentation of a completed venous thromboembolism risk assessment.

Data may be collected monthly on a sample of patients (20 to 25/month) for process improvement purposes.

## **DENOMINATOR SAMPLING FRAME**

Patients associated with provider

## **DENOMINATOR INCLUSIONS/EXCLUSIONS**

### **Inclusions**

Total number of adult hospitalized patients

### **Exclusions**

Unspecified

## **RELATIONSHIP OF DENOMINATOR TO NUMERATOR**

All cases in the denominator are equally eligible to appear in the numerator

## **DENOMINATOR (INDEX) EVENT**

Institutionalization

## **DENOMINATOR TIME WINDOW**

Time window brackets index event

## **NUMERATOR INCLUSIONS/EXCLUSIONS**

### **Inclusions**

Total number of adult hospitalized patients with a completed venous thromboembolism risk assessment within 24 hours of admission documented in the medical record

### **Exclusions**

Unspecified

## **MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS**

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

**NUMERATOR TIME WINDOW**

Fixed time period

**DATA SOURCE**

Administrative data  
Medical record

**LEVEL OF DETERMINATION OF QUALITY**

Individual Case

**PRE-EXISTING INSTRUMENT USED**

Unspecified

**Computation of the Measure****SCORING**

Rate

**INTERPRETATION OF SCORE**

Better quality is associated with a higher score

**ALLOWANCE FOR PATIENT FACTORS**

Unspecified

**STANDARD OF COMPARISON**

Internal time comparison

**Evaluation of Measure Properties****EXTENT OF MEASURE TESTING**

Unspecified

**Identifying Information****ORIGINAL TITLE**

Percentage of adult hospitalized patients who are assessed for venous thromboembolism risk within 24 hours of admission.

## **MEASURE COLLECTION**

### [Venous Thromboembolism Prophylaxis Measures](#)

## **DEVELOPER**

Institute for Clinical Systems Improvement

## **FUNDING SOURCE(S)**

The following Minnesota health plans provide direct financial support: Blue Cross and Blue Shield of Minnesota, HealthPartners, Medica, Metropolitan Health Plan, PreferredOne and UCare Minnesota. In-kind support is provided by the Institute for Clinical Systems Improvement's (ICSI) members.

## **COMPOSITION OF THE GROUP THAT DEVELOPED THE MEASURE**

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## **ADAPTATION**

Measure was not adapted from another source.

**RELEASE DATE**

2006 Jun

**REVISION DATE**

2008 Oct

**MEASURE STATUS**

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Venous thromboembolism prophylaxis. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2007 Jun. 52 p.

**SOURCE(S)**

Institute for Clinical Systems Improvement (ICSI). Venous thromboembolism prophylaxis. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2008 Oct. 37 p. [35 references]

**MEASURE AVAILABILITY**

The individual measure, "Percentage of Adult Hospitalized Patients Who Are Assessed for Venous Thromboembolism Risk within 24 Hours of Admission," is published in "Health Care Guideline: Venous Thromboembolism Prophylaxis." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org); e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org).

**NQMC STATUS**

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